Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 48 and 54 without prejudice.

Please add new claims 67-74.

Please amend claims 34, 39, 41, 49, 50, 53, 55-58, and 66, as indicated below. Material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[ ]].

Listing of Claims:

1-33. (Canceled)

34. (Currently Amended) The monitoring subsystem of claim **57** [[48]], wherein the monitoring subsystem is configured for assessing a fluid distribution of a test area serviced by a urine detection network, wherein the urine detection network has a net characteristic indicative of the fluid distribution of the test area, wherein the inducer module is configured to generate an energy field, wherein an energy field is generated within an operative distance of the urine detection network to establish an energy distribution between the urine detection network and the monitoring subsystem that is predictably influenced by the net characteristic of the urine detection network, and wherein the analyzing module is configured to determine the net characteristic of the urine detection network from the energy distribution between the urine detection network and the monitoring subsystem.

35-38. (Canceled)

39. (Currently Amended) The monitoring subsystem of claim **57** [[34]], wherein the analyzing module includes a memory, and wherein the reference energy distribution is stored in the memory.

40. (Canceled)

41. (Currently Amended) The monitoring subsystem of claim **57** [[34]], wherein the analyzing module is configured to recognize interference by comparing the measured energy distribution to the reference energy distribution.

42. (Original) The monitoring subsystem of claim 41, wherein the analyzing module is configured to compensate for the interference.

43. (Original) The monitoring subsystem of claim 41, further comprising a notification module, wherein the notification module is configured to report that an environment is not suitable for detection if the interference cannot be compensated for.

44. (Original) The monitoring subsystem of claim 41, further comprising a notification module, wherein the notification module is configured to report that an environment is suitable for detection if an uncorrectable interference is not present.

45. (Canceled)

46. (Original) The monitoring subsystem of claim 34, wherein the analyzing module is configured to determine the net characteristic of the urine detection network by comparing two or more measured energy distributions measured at different times.

47. (Original) The monitoring subsystem of claim 34, further comprising a notification module configured to report a fluid distribution derived from the determined net characteristic.

48. (Canceled)

49. (Currently Amended) The monitoring subsystem of claim **57** [[48]], wherein the sampling module is positionally fixed relative to the inducer module.

50. (Currently Amended) The monitoring subsystem of claim **57** [[48]], wherein the analyzing module is configured to find an intersection of the measured energy distribution and the reference energy distribution.

51. (Original) The monitoring subsystem of claim 50, wherein the analyzing module uses a frequency of the intersection to look up the energy-absorption pattern.

52. (Original) The monitoring subsystem of claim 50, wherein the analyzing module uses an angle of the intersection to look up the energy-absorption pattern.

53. (Currently Amended) The monitoring subsystem of claim **57** [[48]], wherein the analyzing module is configured to determine the energy-absorption pattern of the energy-converting module by comparing the reference energy distribution and two or more measured energy distributions from different times.

54. (Canceled)

55. (Currently Amended) The monitoring subsystem[[s]] of claim **53** [[54]], wherein the two measured energy distributions correspond to two different positions of the inducer module relative to the energy-converting module.

56. (Currently Amended) The monitoring **subsystem** of claim 53, wherein the two measured energy distributions are measured by different sampling modules.

57. (Currently Amended) **A monitoring subsystem for assessing an energy-absorption pattern of an energy-converting module, the monitoring subsystem comprising:**

an inducer module configured to establish an energy distribution between the energy-converting module and the monitoring subsystem;

a sampling module configured to measure the energy distribution; and

an analyzing module configured to determine the energy-absorption pattern of the energy-converting module by comparing the measured energy distribution to a reference energy distribution ~~The monitoring subsystem of claim~~ 48, wherein the reference energy distribution corresponds to an energy distribution unaffected by the energy-converting module and measured at the sampling module.

58. (Currently Amended) The monitoring subsystem of claim **57** [[48]], further comprising a notification module configured to report the energy-absorption pattern.

59. (Canceled)

60. (Previously Presented) The monitoring subsystem of claim 34, wherein the net characteristic is capacitance.

61-65. (Canceled)

66. (Currently Amended) The monitoring subsystem of claim **57** [[48]], wherein the energy converting module is an LC circuit.

67. (New) A monitoring subsystem for assessing an energy-absorption pattern of an energy-converting module, the monitoring subsystem comprising:

an inducer module configured to establish an energy distribution between the energy-converting module and the monitoring subsystem;

a sampling module configured to measure the energy distribution; and

an analyzing module configured to determine the energy-absorption pattern of the energy-converting module by comparing the measured energy distribution to a reference energy distribution,

wherein the monitoring subsystem is configured for assessing a fluid distribution of a test area serviced by a urine detection network, wherein the urine detection network has a net characteristic indicative of the fluid distribution of the test area, wherein the inducer module is configured to generate an energy field, wherein an energy field is generated within an operative distance of the urine detection network to establish an energy distribution between the urine detection network and the monitoring subsystem that is predictably influenced by the net characteristic of the urine detection network, wherein the analyzing module is configured to determine the net characteristic of the urine detection network from the energy distribution between the urine detection network and the monitoring subsystem, and wherein the analyzing module is configured to recognize interference by comparing the measured energy distribution to the reference energy distribution.

68. (New) The monitoring subsystem of claim 67, wherein the analyzing module is configured to compensate for the interference.

69. (New) The monitoring subsystem of claim 67, further comprising a notification module, wherein the notification module is configured to report that an environment is not suitable for detection if the interference cannot be compensated for.

70. (New) The monitoring subsystem of claim 67, further comprising a notification module, wherein the notification module is configured to report that an environment is suitable for detection if an uncorrectable interference is not present.

71. (New) A monitoring subsystem for assessing an energy-absorption pattern of an energy-converting module, the monitoring subsystem comprising:

an inducer module configured to establish an energy distribution between the energy-converting module and the monitoring subsystem;

a sampling module configured to measure the energy distribution; and

an analyzing module configured to determine the energy-absorption pattern of the energy-converting module by comparing the measured energy distribution to a reference energy distribution,

wherein the analyzing module is configured to determine the energy-absorption pattern of the energy-converting module by comparing the reference energy distribution and two or more measured energy distributions from different times.

72. (New) The monitoring subsystem of claim 71, wherein the analyzing module is configured to determine the energy-absorption pattern of the energy-converting module by finding an intersection point of the two measured energy distributions.

73. (New) The monitoring subsystem of claim 72, wherein the two measured energy distributions correspond to two different positions of the inducer module relative to the energy-converting module.

74. (New) The monitoring subsystem of claim 71, wherein the two measured energy distributions are measured by different sampling modules.